BRUHAT BANGALORE MAHANAGARA PALIKE
Dasarahalli Zone

Name of work :- Repairs and extension of UGD lines in Abbigere village and surrounding area in ward No 12, Shettyhalli sub Division

Estimated Cost : Rs 50.00 Lakhs			P code-P0190				Job No : 012-18-000019		
Sl No	Particulars of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No. 143 / Item No. 19.2, PWD SR 2018-19)								
	Replacing UGD at AGB Layout	Cum	1	206.00	1.00	1.90	**391.40**		
			1	405.00	1.00	2.00	**810.00**		
			2	90.00	1.00	2.00	**360.00**		
			3	75.00	1.00	2.00	**450.00**		
	Extension of UGD at Abbigere village		1	170.40	1.00	2.00	**340.80**		
			2	115.00	1.00	2.00	**480.00**		
	Replacing damaged lines		5	30.00	1.00	1.80	**270.00**		
			8	60.00	1.00	1.80	**864.00**		
			8	40.00	1.00	1.80	**576.00**		
			10	84.00	1.00	1.80	**1512.00**		
	Manholes		10	0.79	2.25	2.00	**35.55**		
							6089.75	189.74	**1155469.00**
	Basic Rate	179.00							
	Add A.W 6%	10.74							
	Total	**189.74**							
2	KSRB 12-1.4 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 / 12.7 (Page No. 72/ Item No. 11.4, PWD SR 2018-19)								
	Replacing UGD at AGB Layout	Mtr	1	206.00			**206.00**		
			1	405.00			**405.00**		
			2	90.00			**180.00**		
			3	75.00			**225.00**		
	Extension of UGD at Abbigere village		1	170.40			**170.40**		
			2	115.00			**230.00**		
	Replacing damaged lines		5	30.00			**150.00**		
			8	60.00			**480.00**		
			8	40.00			**320.00**		
			10	84.00			**840.00**		
							3206.40	568.16	**1821748.00**
	Basic Rate	536.00							
	Add A.W 6%	32.16							
	Total	**568.16**							

	Providing and laying in position **plain cement concrete M7.5 40mm** and down size graded granite metal, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, for 230mm internal diameter stoneware pipes including cost of materials, labour charges, HOM of machinery, curing complete as per specifications(P 72 It 11.13, PWD SR 2018-19)								
	Replacing UGD at AGB Layout	Mtr	1.00	100.00			**100.00**		
	Extension of UGD at Abbigere village		1.00	130.00			**130.00**		
	Replacing damaged lines		2.00	30.00			**60.00**		
			4.00	60.00			**240.00**		
							530.00	518.34	**274720.00**
	Basic Rate	489.00							
	Add A.W 6%	29.34							
	Total	**518.34**							
4	KSRB 12-5.2 : **Constructing brick masonry circular type manhole** 0.91m internal dia at **bottom,1.67m deep** and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 **(P No 74 It No 11.38, PWD SR 2018-19)**								
		Nos	10				**10**	25741.04	**257410.00**
	Basic Rate	**24284.00**							
	Add A.W 6%	1457.04							
	Total	**25741.04**							
5	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No. 7 / Item No. 2.11 of PWD SR 2018-19)								
		Cum	Qnty as per it 1				**6089.75**	128.26	**781071.00**
	Basic Rate	121.00							
	Add A.W 6%	7.26							
	Total	**128.26**							

						Sub Total			4290462.00
	Add GST @ 12%								514855.44
	A/[illegible]KRIDL charges @ 4.5%								193070.79
8	Miscellaneous and unforeseen charges							L.S	1611.77
						Grand Total			5000000.00

(Rupees Fifty Lakhs Only)

CERTIFICATE

1 *Certified that The work spot has been inspected by me and the work is necessary & site condition*

2 *Certified that the work is not split*

3 *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*

4 *Certified that Adeqate & necessary provisions have made in the estimate.*

5 *Certified that the above area comes under BBMP limit*

Asst Engineer
Ward-12

Asst.Executive Engineer
Shettyhalli Sub Division

Executive Engineer
Dasharahalli Division

ನಂ. EE/DO/AS/147/2018-19 ದಿನಾಂಕ : 29/01/2019

50.00 lakhs (Rupees Fifty lakhs only)

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ಮಹದೇವಪುರ ವಿಭಾಗ
ಮಹದೇವಪುರ ಪಟ್ಟಣ, ಬೆಂಗಳೂರು.

ನಂ. CE/DZ/TS/56/2018-19 ದಿನಾಂಕ : 21/01/2019

ರೂ 50.00 lakhs/- (Rs Fifty lakhs only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

EXECUTIVE ENGINEER
Brihat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore 57